

Top Secret

25X1



PHOOTOGRAPHIC
INTERPRETATION
REPORT

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

**SOVIET NAVAL SHIPS AND
ARMS SHIPMENTS AT ADEN
SOUTH YEMEN
APRIL 1978 — APRIL 1979**

25X1

Top Secret

25X1

PIR-057/79

JULY 1979

Copy **131**

Page Denied

Top Secret RUFF



25X1

SOVIET NAVAL SHIPS AND ARMS SHIPMENTS AT ADEN, SOUTH YEMEN, APRIL 1978 – APRIL 1979 (TSR)

1. [] This report is a summary of Soviet naval ships and arms shipments observed at Aden Port Facilities, South Yemen [], from April 1978 through April 1979. The report contains a location map, six annotated photographs, and two tables.

25X1

25X1

2. [] A complete listing of Soviet naval combatant and merchant ships observed at Aden (Figure 1) is provided in Table 1. Table 2 lists significant arms transfers and new equipment observed in South Yemen. Some observations from these tables are discussed briefly.

25X1

3. [] Soviet arms are delivered to South Yemen by merchant ship, then by barge and land transport to designated facilities for checkout/assembly.

25X1

4. [] a Soviet Leninsky Komsomol-class merchant ship with two probable FITTER fuselage shipping containers and two probable FITTER wing shipping containers (Figure 2) was at the port; [], the FITTER wing shipping containers had been transferred to a barge (Figure 3) which was tied up at a mole in the inner harbor. [] at Aden International Airfield [], nine FITTER fuselage shipping containers and four FITTER wing shipping containers were observed (Figure 4) after being transported 2.2 nautical miles by MAZ-537 prime mover(s) from the barge. [] an assembled FITTER C/D aircraft (Figure 5), the first observed in South Yemen.

25X1

25X1

25X1

25X1

5. [] STYX missile shipping containers were also observed for the first time in South Yemen at Aden International Airfield []. Two months earlier at Aden International Airfield, ZSU-23/4 self-propelled antiaircraft guns were observed for the first time. Other equipment newly identified in South Yemen since April 1978 has included BTR-60P, BTR-60PB, and the BRDM-2 antitank guided-missile (ATGM) armored personnel carriers; BM-21 rocket launchers; and possible M-1977 rocket launchers.

25X1

25X1

6. [] Since early this year, the South Yemen Navy has grown significantly as [] when two Osa II guided-missile boats, three Polnocny amphibious landing ships (LST), one T-58 fleet minesweeper (MSF), one T-43 MSF, and one P-6 fast patrol boat were at the Aden naval facility (Figure 6).

25X1

25X1

7. [] Soviet combatants have been seen regularly at Aden Port Facilities. On [] an unusually large Soviet naval presence was observed when one J-class cruise-missile attack submarine (SSG), one Krivak-I guided-missile frigate (FFG), one Don submarine tender (AS), one Alligator LST, and one Vytegrales space vehicle recovery ship (ASVR) were moored in the roadstead (Figure 7).

25X1

25X1

Top Secret RUFF

Table 1

Soviet Naval Ships Observed at the Port of
Aden, South Yemen, April 1978 – April 1979

This table in its entirety is classified [REDACTED]

Date	Ships Observed*	Remarks
[REDACTED]	1 Sofiyaad Soviet	
	1 Ailademil Tupolev mership	
	2 Iraqi Polnocny "C"	
	LSMs	
	1 Riga FF	
	1 Mayak A 61	
	1 A01	
	1 Leninskiy Komsomol mership	With 5 buses & numerous vehs/ pieces of equipment
	1 Ropucha LST	
	1 Leninskiy Komsomol mership	
	2 Kommunist-class merships	
	1 Ropucha LST	
	1 Leninskiy Komsomol mership	
	1 Leninskiy Komsomol mership	
	1 Alligator LST	
	2 Natya MSTs	
	1 Ropucha LST	
	1 Kashin DDG	
	1 Ropucha LST	
	1 Alligator LST	
	1 Ropucha LST	
	1 Cuban passenger cargo ship (Africa)	
	1 Leninskiy Gvardiya-class mership	
	1 Ropucha LST	
	1 Alligator LST	
	1 Poltava-class mership	
	1 Kommunist-class mership	With 7 van trucks & 12 prob vehs as deck cargo
	1 Ropucha LST	
	1 Alligator LST	With 3 cargo trucks & 2 unid vehs as deck cargo
	1 Poltava-class mership	
	1 Geroi Panfiloutsy-class mership	
	1 Kommunist-class mership	With prob trucks & vehs/ pieces of equipment as deck cargo

Top Secret

Top Secret RUFF

Table 1. (Continued)

Date	Ships Observed*	Remarks
	1 Geroi Panfiloutsy-class mership	
	1 Kommunist-class mership	
	1 Alligator LST	
	1 Alligator LST	
	1 Kushnarenko-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Petya-II FFL	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Kapitan Kushnarenko- class mership	
	1 Kapitan Kushnarenko- class mership	
	1 Leninskiy Komsomol-class mership	10 poss aircraft shipping containers & 8 small aircraft shipping containers as deck cargo
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	2 prob FITTER fuselage shipping containers & 2 prob FITTER wing shipping containers as deck cargo
	1 Alligator LST	
	7 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	2 FITTER fuselage shipping containers & 2 FITTER wing shipping containers as deck cargo
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	2 FITTER fuselage shipping containers & 2 FITTER wing shipping containers as deck cargo
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Geroi Panfiloutsy-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	

25X1

Top Secret

25X1

Top Secret RUFF

Table 1. (Continued)

Date	Ships Observed*	Remarks
	1 Leninskiy Komsomol-class mership	3 vehs/pieces of equipment as deck cargo
	1 Leninskiy Komsomol-class mership	
	1 Alligator LST	2 BTR-60PB, 2 BTR-60P, 1 prob BTR-60, 4 cargo trucks, & 2 vehs/pieces of equipment as deck cargo
	1 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 J-class SSG	
	1 Krivak-I FFG	
	1 Don AS	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Ropucha LST	
	1 Leninskiy Komsomol-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Gvardiya-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Gvardiya-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	
	1 Alligator LST	
	1 Vytegrales ASVR	
	1 Leninskiy Komsomol-class mership	
	1 Leninskiy Gvardiya-class mership	
	1 Cuban mership	
	1 Alligator LST	
	1 Vytegrales ASVR	

25X1

Top Secret

25X1

Top Secret RUFF

Table 1. (Continued)

Date	Ships Observed*	Remarks
	1 Alligator LST 1 Vytegrales ASVR 1 Sosnogorsk-class mership 1 Prob Soviet mership	
	1 Soviet mership	
	1 Alligator LST 1 Vytegrales ASVR 1 Pyat Soviet 1 Komsomol-class mership	
	1 Ropucha LST 1 Alligator LST 1 Vytegrales ASVR 1 Sosnogorsk-class mership	
	1 Alligator LST 1 Vytegrales ASVR 1 Sosnogorsk-class mership	
	1 Alligator LST 1 Vytegrales ASVR 1 Sosnogorsk-class mership	
	1 Alligator LST 1 Vytegrales ASVR 1 Sosnogorsk-class mership	
	1 Alligator LST 1 Sosnogorsk-class mership	
	1 Alligator LST 1 Kazbek AO	
	1 Alligator LST 1 Vytegrales ASVR	
	1 Alligator LST 1 Vytegrales ASVR	
	1 Krivak-I FFG 1 Alligator LST 1 Vytegrales ASVR	
	1 Alligator LST 1 Kazbek AO 1 Vytegrales ASVR	
	1 Alligator LST 1 Vytegrales ASVR	

25X1

Top Secret

25X1

Top Secret RUFF

Table 1. (Continued)

Date	Ships Observed*	Remarks
	1 Ropucha LST 1 Alligator LST 1 Vytegrales ASVR 1 Prob Akademik Tupolev-class RO-RO	With 20 trucks as deck cargo
	1 Ropucha LST 1 Alligator LST 1 Vytegrales ASVR 1 Prob Akademik Tupolev-class RO-RO	With 20 trucks as deck cargo
	1 Ropucha LST 1 Alligator LST	
	1 Ropucha LST	Part cloud covered
	1 Ropucha LST 1 Alligator LST 1 Kazbek AO 1 Murom-class Soviet 1 Geroi Panfiloutsy-class mership	
	1 Ropucha LST 1 Alligator LST 1 Murom-class 1 Vyburg-class mership	
	1 Ropucha LST 1 Alligator LST 1 Murom-class Soviet	
	1 Alligator LST 1 Murom-class Soviet	
	1 Alligator LST 1 Murom-class Soviet	
	1 Alligator LST 1 Murom-class Soviet 1 Sosnogorsk-class mership	
	1 Alligator LST	
	1 Alligator LST	
	1 Alligator LST	
	1 Ropucha LST	
	1 Alligator LST	
	1 Ropucha LST	
	1 Leninskiy Gvardiya-class mership	
	1 Soviet A606 1 Unid Soviet mership 1 East German mership	With 10 trucks as deck cargo

25X1

Top Secret

25X1

Top Secret RUFF

Table 1. (Continued)

Date	Ships Observed*	Remarks
	1 Leninskiy Komsomol mership	With deck cargo of one 2-spot GCA veh, 1 oxygen manufacturing veh, 8 searchlight trucks, 2 UAZ-452 inner marker beacon transmitters, 4 prob R-800 series radio van trucks, 12 buses, & 10 vehs
	1 Petya-II FFL	
	1 Romanian Pyat	
	1 Komsomol-class mership	
	1 Kommunist-class mership	
	1 Petya-II FFL	
	1 Leninskiy Komsomol-class mership	
	1 Ropucha LST	
	1 Ropucha LST	
	1 Ropucha LST	
	1 Poss Soviet mership	
	1 Ropucha LST	
	1 Kapitan Kushnarenko-class mership	
	1 Ropucha LST	
	1 Kapitan Kushnarenko-class mership	
	1 Kapitan Kushnarenko-class mership	
	1 Unid prob Soviet mership	
	1 Kapitan Kushnarenko-class mership	
	2 Unid prob Soviet merships	
	1 Maksimgorkiy passenger ship	
	1 Vytegrales ASVR	
	1 Mod Kotlin DD	
	1 Ropucha LST	
	1 Ropucha LST	
	1 Ropucha LST	
	1 Kapitan Kusitanarenko-class mership	
	1 Slavyansk mership	
	1 Kapitan Kushnarenko-class mership	With prob trucks on deck
	1 Krivak-II FFG	
	1 Petya-II FFL	
	1 Ropucha LST	Bow doors open & trucks lined up on pier

25X1

Top Secret

25X1

Top Secret RUFF

Table 1. (Continued)

Date	Ships Observed*	Remarks
	1 Krivak-II FFG	
	1 Petya-II FFL	
	1 Petya-II FFL	
	1 Ropucha LST	
	No ships	
	1 Vytegrales ASVR	

*Key to abbreviations:

AO—Oiler

FF—Frigate

AGI—Intelligence collector

FFL—Light frigate

AGOR—Oceanographic research ship

LSM—Medium amphibious assault landing ship

DDG—Guided-missile destroyer

MST—Fleet minesweeper

RO-RO—Roll-on roll-off ship

25X1

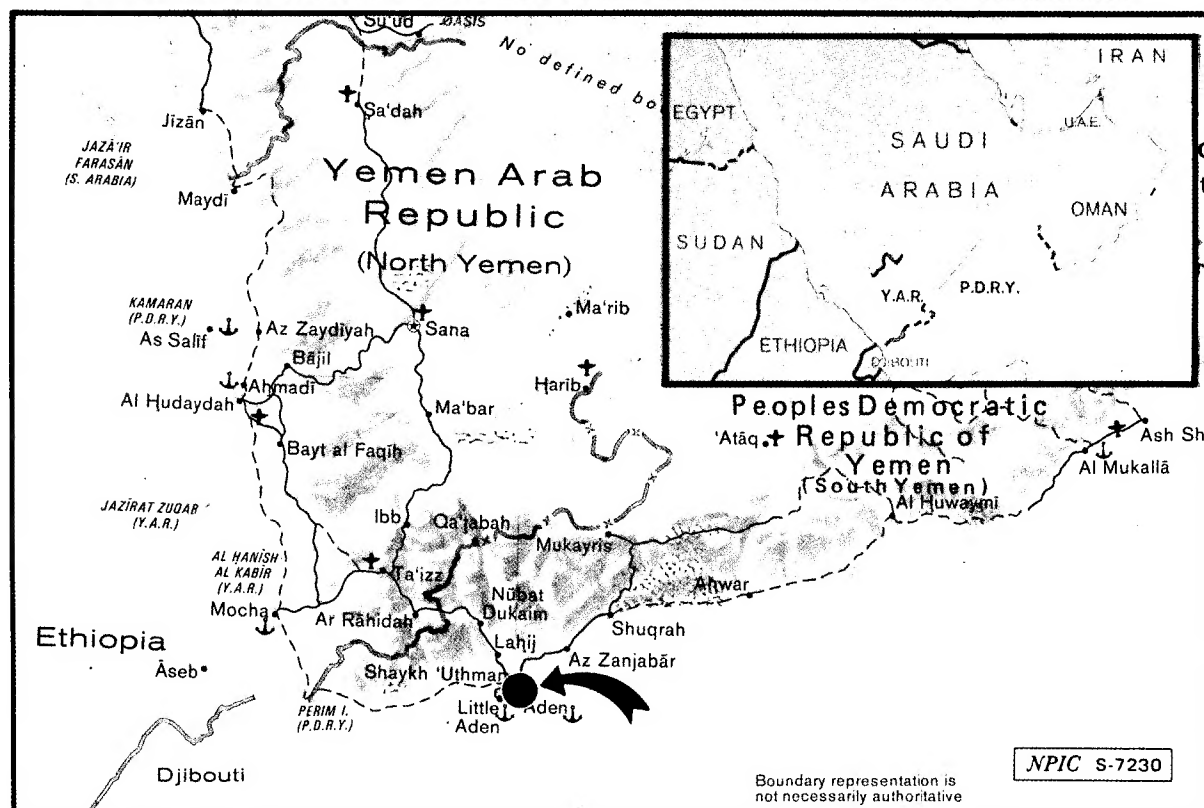


FIGURE 1. LOCATION OF ADEN, SOUTH YEMEN

Top Secret

25X1

Top Secret RUFF

Table 2

**Significant Arms Shipments and Equipment Observed
at Aden, South Yemen, April 1978 – April 1979**

Date	Equipment / Activity Observed
	1 Cuban passenger cargo ship (Africa) in port, poss offloading troops
	First ident of 4 ZSU-23/4 antiaircraft guns at Aden International Airfield
	First ident of prob FITTER fuselage & wing shipping containers on deck of a Leninskiy Komsomol-class merchant ship
	STYX missile shipping containers were ident for the first time at Aden International Airfield
	2 BTR-60PB, 2 BTR-60P, 1 prob BTR-60 on Alligator LST
	First observation of FITTER C/D at Aden International Airfield
	First ident of 12 BRDM-2 ATGM at Aden Ammo Storage & Test Area
	First observation of Soviet MAY antisubmarine warfare (ASW) aircraft at Aden International Airfield
	New T-58 MSF delivered to South Yemen Navy
	1 two-spot GCA veh, 1 oxygen manufacturing veh, 8 searchlight trucks, 2 UAZ-452 inner marker beacon transmitters, 4 prob R-800 series radio van trucks, 12 buses, & 10 miscellaneous vehs on the deck of a Leninskiy Komsomol-class merchant ship
	18 BM-21 rocket launchers on barge in port facilities
	First delivery of Osa II guided-missile boat to South Yemen Navy
	First ident of 4 poss M-1977 rocket launchers at Aden Ammo Storage & Test Area
	Second Osa II guided-missile boat delivered to South Yemen Navy

25X1

25X1

25X1

25X1

Top Secret

25X1

Page Denied

Next 4 Page(s) In Document Denied

Top Secret



Top Secret